

Inventor: Matsui et al.
Title: "ANTIBODIES FOR THE ALPHA
PLATELET-DERIVED ..."
Application No.: 10/700,249
Docket No.: 14014.0266u3
Sheet 1 of 14



FIG. 1A

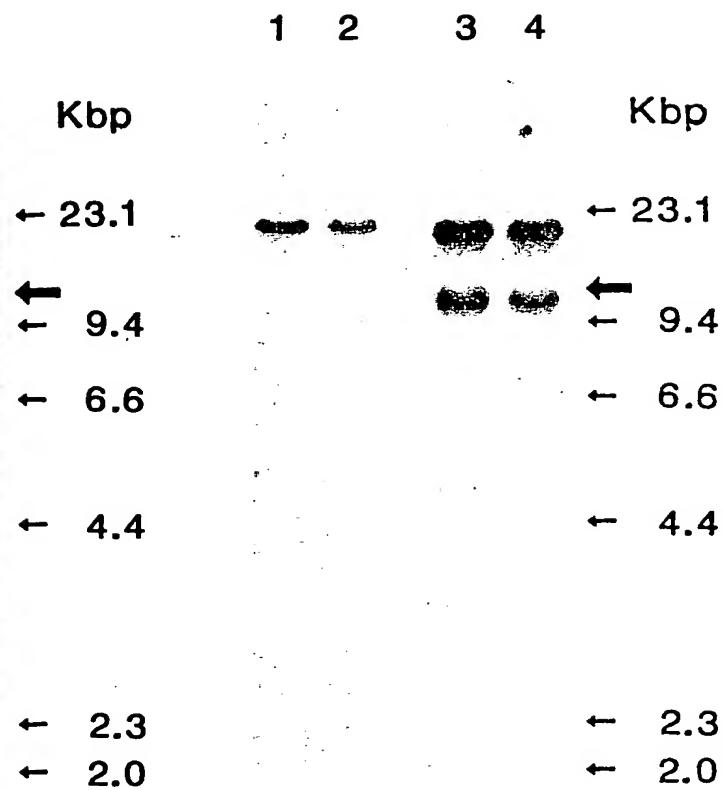


FIG. 1B

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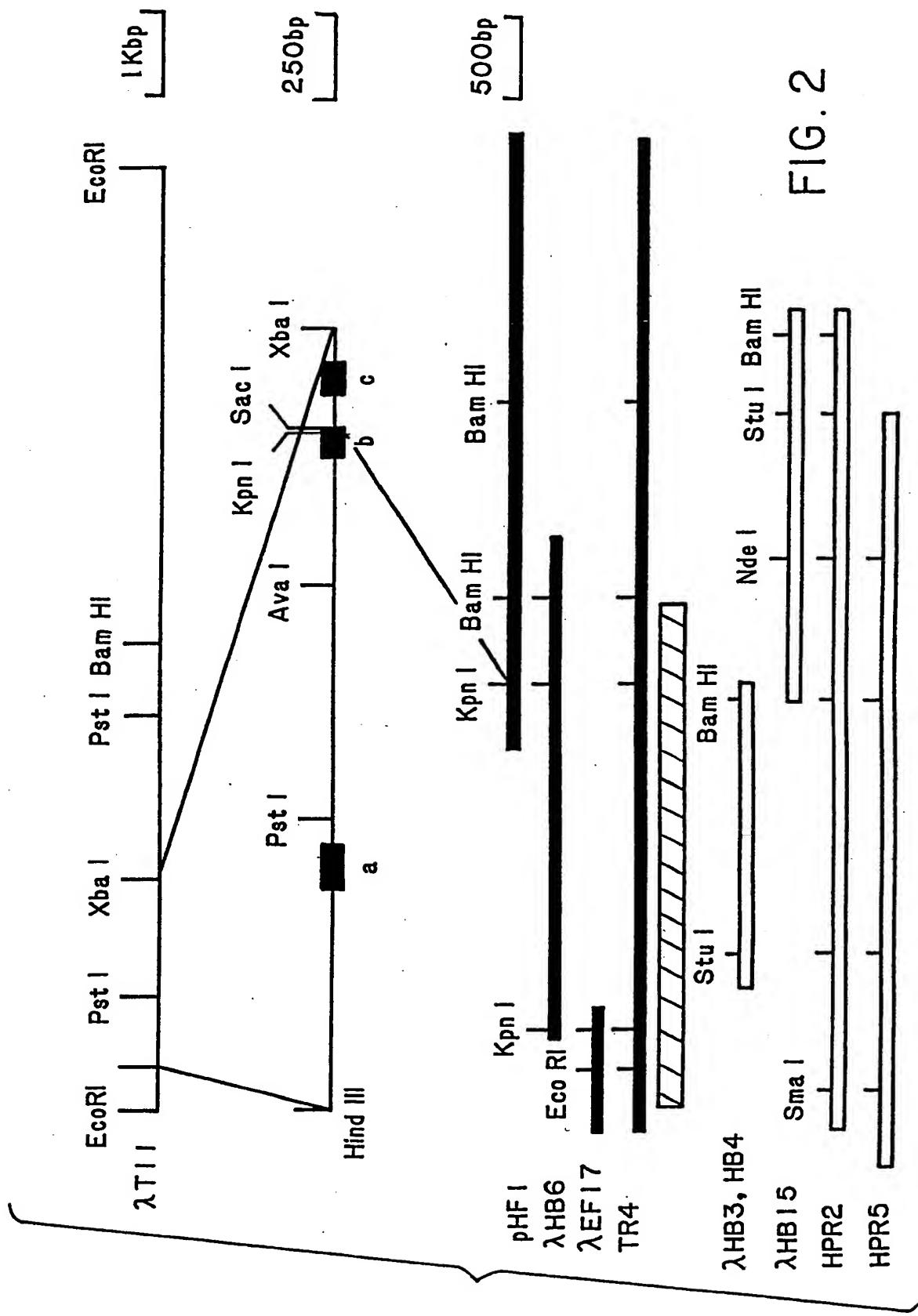


FIG. 3-1

1 CCATTACTGTTGGAGCTACAGGGAGAGAACAGGAGGAGACTGCAAGAGA

49 TCATTTGGGAAGGCCGTGGCACGCTCTTACTCCATGTGTGGACATT

100 CATTGCGGAATAAACATCGGAGGAGAACAGGAGGAGACTGly
Met

5 10 15
Thr Ser His Pro Ala Phe Leu Val Leu Gly Cys Leu Leu Thr Gly
145 ACTTCCCATCCGGCGTTCCCTGGTCTTAGGCTGTCTCACAGGG

20 25 30
Leu Ser Leu Ile Leu Cys Gln Leu Ser Leu Pro Ser Ile Leu Pro
190 CTGAGCCTAATCCTCTGCCAGCTTCATTACCCTCTATCCTTCCA

35 40 45
Asn Glu Asn Glu Lys Val Val Gln Leu Asn Ser Ser Phe Ser Leu
235 AATGAAAATGAAAAGGTTGTGCAGCTGAATTCATCCTTTCTCTG

50 55 60
Arg Cys Phe Gly Glu Ser Glu Val Ser Trp Gln Tyr Pro Met Ser
280 AGATGCTTGGGGAGAGTGAAAGTGAGCTGGCAGTACCCATGTCT

65 70 75
Glu Glu Glu Ser Ser Asp Val Glu Ile Arg Asn Glu Glu Asn Asn
325 GAAGAAGAGAGCTCCGATGTGGAAATCAGAAATGAAGAAAACAAC

80 85 90
Ser Gly Leu Phe Val Thr Val Leu Glu Val Ser Ser Ala Ser Ala
370 AGCGGCCTTTGTGACGGTCTTGGAAAGTGAGCAGTGCCTCGCG

95 100 105
Ala His Thr Gly Leu Tyr Thr Cys Tyr Tyr Asn His Thr Gln Thr
415 GCCCACACAGGGTTGTACACTTGCTATTACAACCACACTCAGACA

110 115 120
Glu Glu Asn Glu Leu Glu Gly Arg His Ile Tyr Ile Tyr Val Pro
460 GAAGAGAATGAGCTTGAAGGCAGGCACATTACATCTATGTGCCA

125 130 135
Asp Pro Asp Val Ala Phe Val Pro Leu Gly Met Thr Asp Tyr Leu
505 GACCCAGATGTAGCCTTGTACCTCTAGGAATGACGGATTATTA

FIG. 3-3

320 325 330
LysProThrPheSerGlnLeuGluAlaValAsnLeuHisGluVal
1090 AAACCCACCTTCAGCCAGTTGGAAGCTGTCAACCTGCATGAAGTC

335 340 345
LysHisPheValValGluValArgAlaTyrProProProArgIle
1135 AAACATTGGTAGAGGTGCGGGCCTACCCACCTCCCAGGATA

350 355 360
SerTrpLeuLysAsnAsnLeuThrLeuIleGluAsnLeuThrGlu
1180 TCCTGGCTGAAAAACAATCTGACTCTGATTGAAAATCTCACTGAG

365 370 375
IleThrThrAspValGluLysIleGlnGluIleArgTyrArgSer
1225 ATCACCACTGATGTGGAAAAGATTCAAGGAAATAAGGTATCGAACG

380 385 390
LysLeuLysLeuIleArgAlaLysGluGluAspSerGlyHisTyr
1270 AAATTAAAGCTGATCCGTGCTAAGGAAGAACAGTGGCCATTAT

395 400 405
ThrIleValAlaGlnAsnGluAspAlaValLysSerTyrThrPhe
1315 ACTATTGTAGCTCAAAATGAAGATGCTGTGAAGAGCTATACTTT

410 415 420
GluLeuLeuThrGlnValProSerSerIleLeuAspLeuValAsp
1360 GAACTGTTAACTCAAGTTCCATTCTGGACTTGGTCGAT

425 430 435
AspHisHisGlySerThrGlyGlyGlnThrValArgCysThrAla
1405 GATCACCCTGGCTCAACTGGGGACAGACGGTGAGGTGCACAGCT

440 445 450
GluGlyThrProLeuProAspIleGluTrpMetIleCysLysAsp
1450 GAAGGCACGCCGTTCTGATATTGAGTGGATGATATGCCAAAGAT

455 460 465
IleLysLysCysAsnAsnGluThrSerTrpThrIleLeuAlaAsn
1495 ATTAAGAAATGTAATAATGAAACTTCCTGGACTATTTGCCAAC

470 475 480
AsnValSerAsnIleIleThrGluIleHisSerArgAspArgSer
1540 AATGTCTCAAACATCATCACGGAGATCCACTCCCGAGACAGGAGT

485 490 495
ThrValGluGlyArgValThrPheAlaLysValGluGluThrIle
1585 ACCGTGGAGGGCCGTGTGACTTCGCCAAAGTGGAGGAGACCATC

FIG. 3-4

500 505 510
AlaValArgCysLeuAlaLysAsnLeuLeuGlyAlaGluAsnArg
1630 GCCGTGCGATGCCTGGCTAACAAATCTCCTTGGAGCTGAGAACCGA

515 520 525
GluLeuLysLeuValAlaProThrLeuArgSerGluLeuThrVal
1675 GAGCTGAAGCTGGTGGCTCCCACCCTGCGTTCTGAACTCACGGTG

530 535 540
AlaAlaAlaValLeuValLeuLeuValIleValIleIleSerLeu
1720 GCTGCTGCAGTCCTGGTGCTGTTGGTATTGTGATCATCTCACTT

545 550 555
IleValLeuValValIleTrpLysGlnLysProArgTyrGluIle
1765 ATTGTCCTGGTTGTCATTGGAAACAGAAACCGAGGTATGAAATT

560 565 570
ArgTrpArgValIleGluSerIleSerProAspGlyHisGluTyr
1810 CGCTGGAGGGTCATTGAATCAATCAGCCCGGATGGACATGAATAT

575 580 585
IleTyrValAspProMetGlnLeuProTyrAspSerArgTrpGlu
1855 ATTTATGTGGACCCGATGCAGCTGCCTATGACTCAAGATGGGAG

590 595 600
PheProArgAspGlyLeuValLeuGlyArgValLeuGlySerGly
1900 TTTCCAAGAGATGGACTAGTGCTTGGTCGGGTCTGGGGTCTGGA

605 610 615
AlaPheGlyLysValValGluGlyThrAlaTyrGlyLeuSerArg
1945 GCGTTGGAAAGGTGGTTGAAGGAACAGCCTATGGATTAAAGCCGG

620 625 630
SerGlnProValMetLysValAlaValLysMetLeuLysProThr
1990 TCCCAACCTGTCATGAAAGTTGCAGTGAAGATGCTAAAACCCACG

635 640 645
AlaArgSerSerGluLysGlnAlaLeuMetSerGluLeuLysIle
2035 GCCAGATCCAGTGAAAAACAAGCTCTCATGTCTGAACTGAAGATA

650 655 660
MetThrHisLeuGlyProHisLeuAsnIleValAsnLeuLeuGly
2080 ATGACTCACCTGGGGCACATTGAACATTGTAAACTTGCTGGGA

665 670 675
AlaCysThrLysSerGlyProIleTyrIleIleThrGluTyrCys.
2125 GCCTGCACCAAGTCAGGCCCATTTACATCATCACAGAGTATTGC

FIG. 3-5

680 685 690
PheTyrGlyAspLeuValAsnTyrLeuHisLysAsnArgAspSer
2170 TTCTATGGAGATTGGTCAACTATTCATAAGAATAGGGATAGC

695 700 705
PheLeuSerHisHisProGluLysProLysLysGluLeuAspIle
2215 TTCCTGAGCCACCACCCAGAGAAAGCCAAAGAAAGAGCTGGATATC

710 715 720
PheGlyLeuAsnProAlaAspGluSerThrArgSerTyrValIle
2260 TTTGGATTGAACCCTGCTGATGAAAGCACACGGAGCTATGTTATT

725 730 735
LeuSerPheGluAsnAsnGlyAspTyrMetAspMetLysGlnAla
2305 TTATCTTTGAAAACAATGGTGACTACATGGACATGAAGCAGGCT

740 745 750
AspThrThrGlnTyrValProMetLeuGluArgLysGluValSer
2350 GATACTACACAGTATGTCCCCATGCTAGAAAGGAAAGAGGTTCT

755 760 765
LysTyrSerAspIleGlnArgSerLeuTyrAspArgProAlaSer
2395 AAATATTCCGACATCCAGAGATCACTCTATGATCGTCCAGCCTCA

770 775 780
TyrLysLysLysSerMetLeuAspSerGluValLysAsnLeuLeu
2440 TATAAGAAGAAATCTATGTTAGACTCAGAAGTCAAAACCTCCTT

785 790 795
SerAspAspAsnSerGluGlyLeuThrLeuLeuAspLeuLeuSer
2485 TCAGATGATAACTCAGAAGGCCTTACTTATTGGATTTGTTGAGC

800 805 810
PheThrTyrGlnValAlaArgGlyMetGluPheLeuAlaSerLys
2530 TTCACCTATCAAGTTGCCCGAGGAATGGAGTTTGCTTCAAAA

815 820 825
AsnCysValHisArgAspLeuAlaAlaArgAsnValLeuLeuAla
2575 AATTGTGTCCACCGTGATCTGGCTGCTCGAACGTCCCTGGCA

830 835 840
GlnGlyLysIleValLysIleCysAspPheGlyLeuAlaArgAsp
2620 CAAGGAAAAATTGTGAAGATCTGTGACTTGGCCTGGCCAGAGAC

845 850 855
IleMethHisAspSerAsnTyrValSerLysGlySerThrPheLeu
2665 ATCATGCATGATCGAACTATGTGTCGAAAGGCAGTACCTTCTG

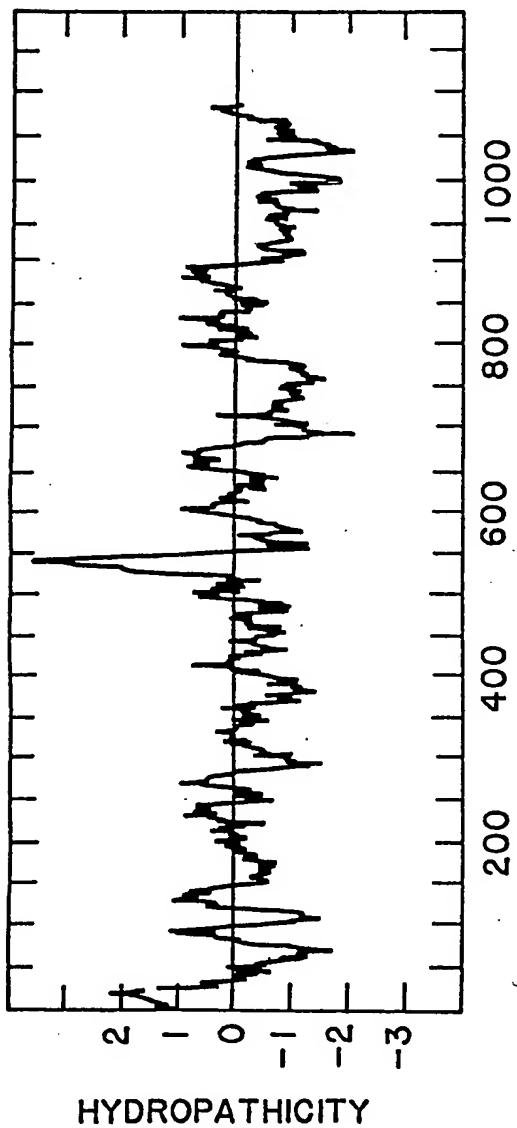
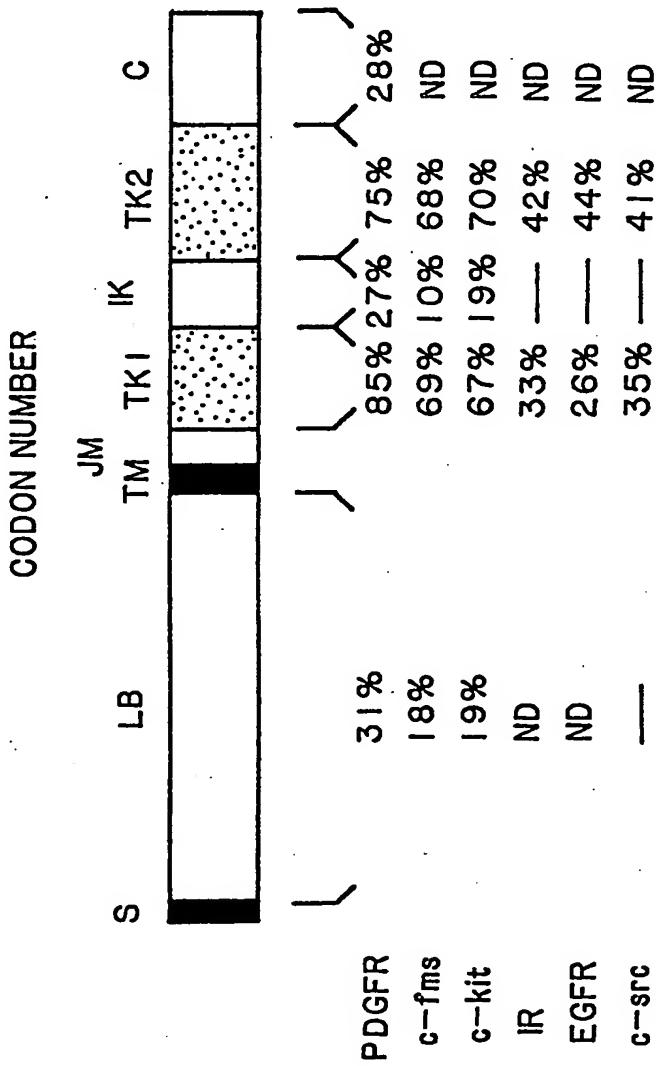


FIG. 4



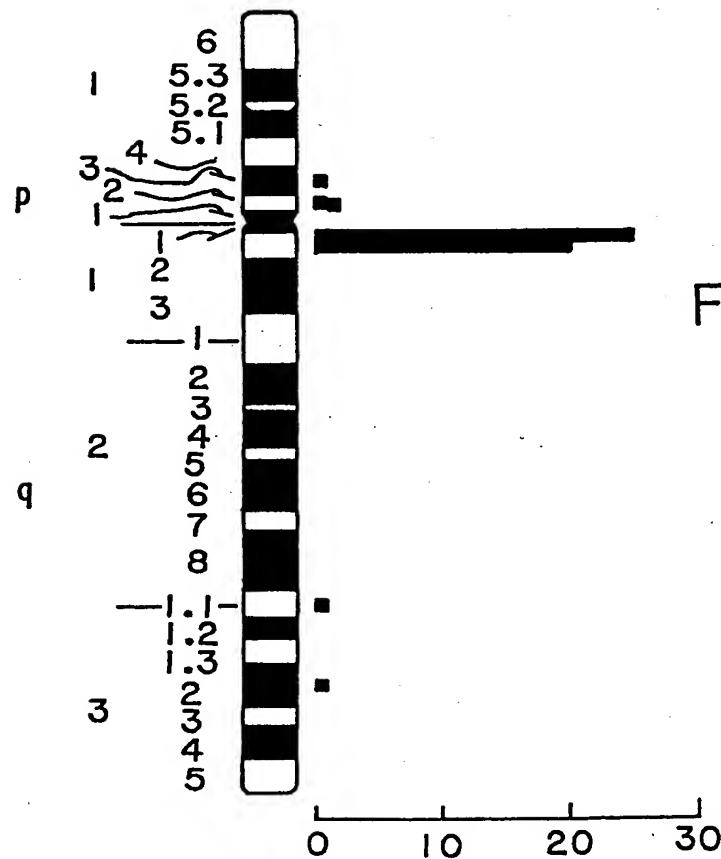
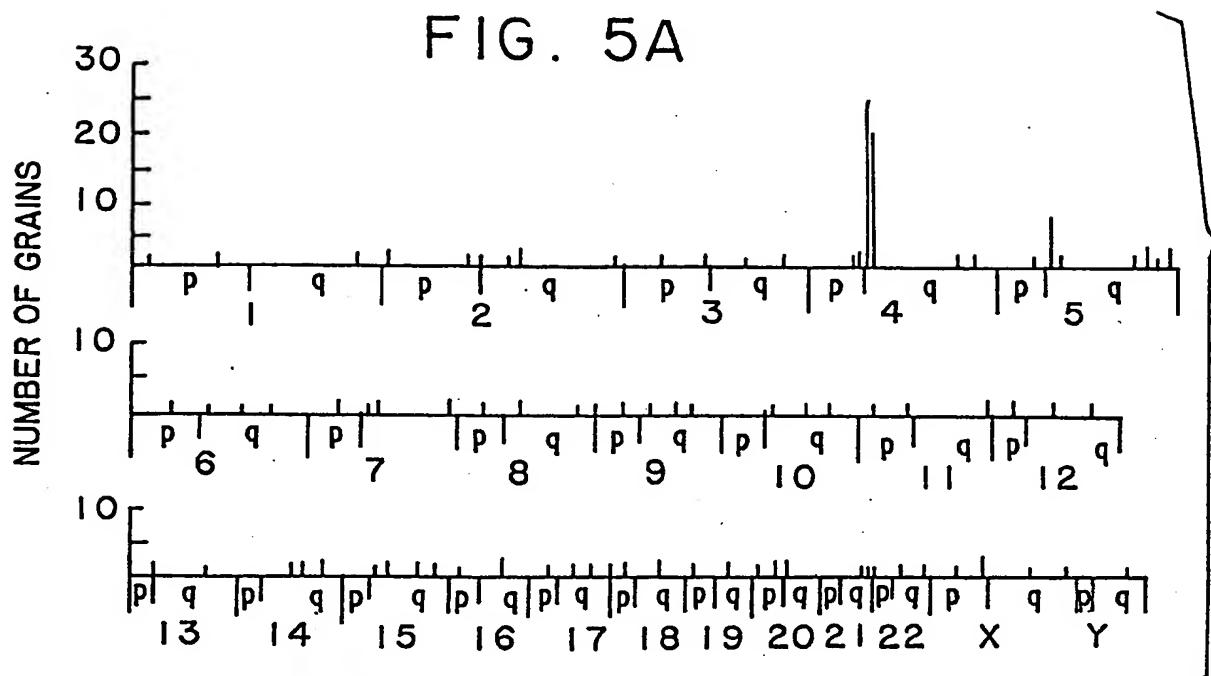


FIG. 5B

NUMBER OF GRAINS

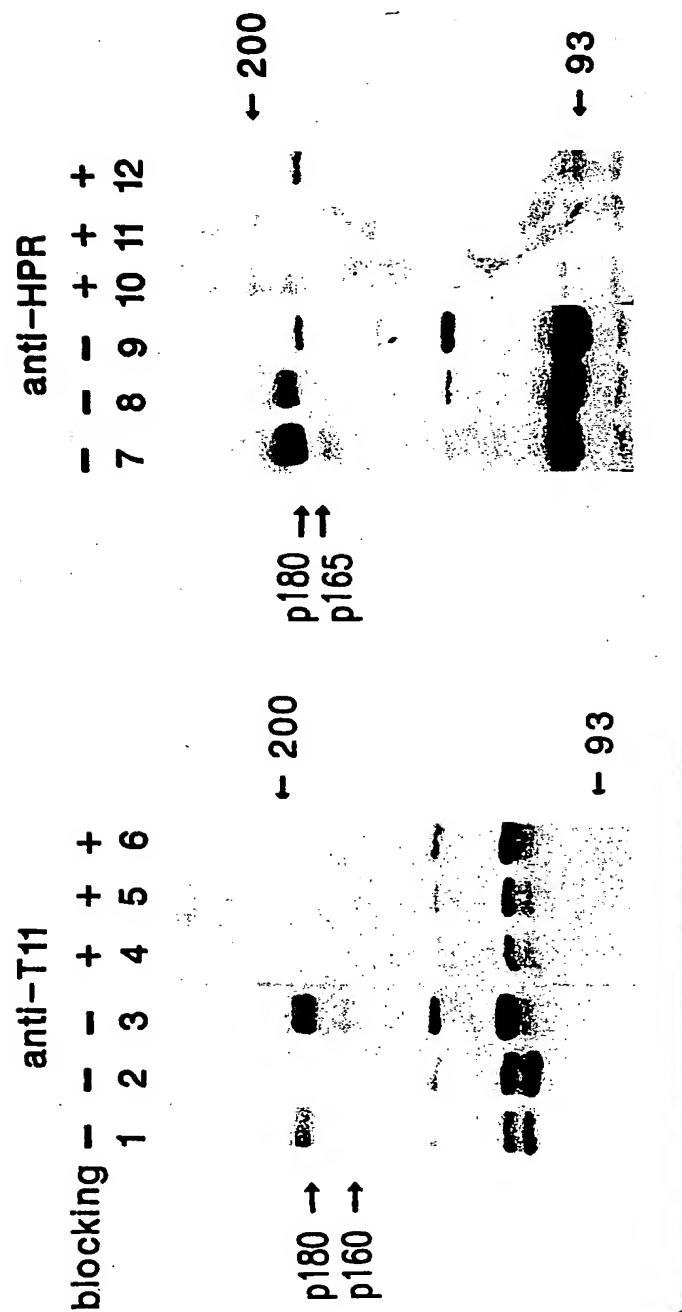


FIG. 7A

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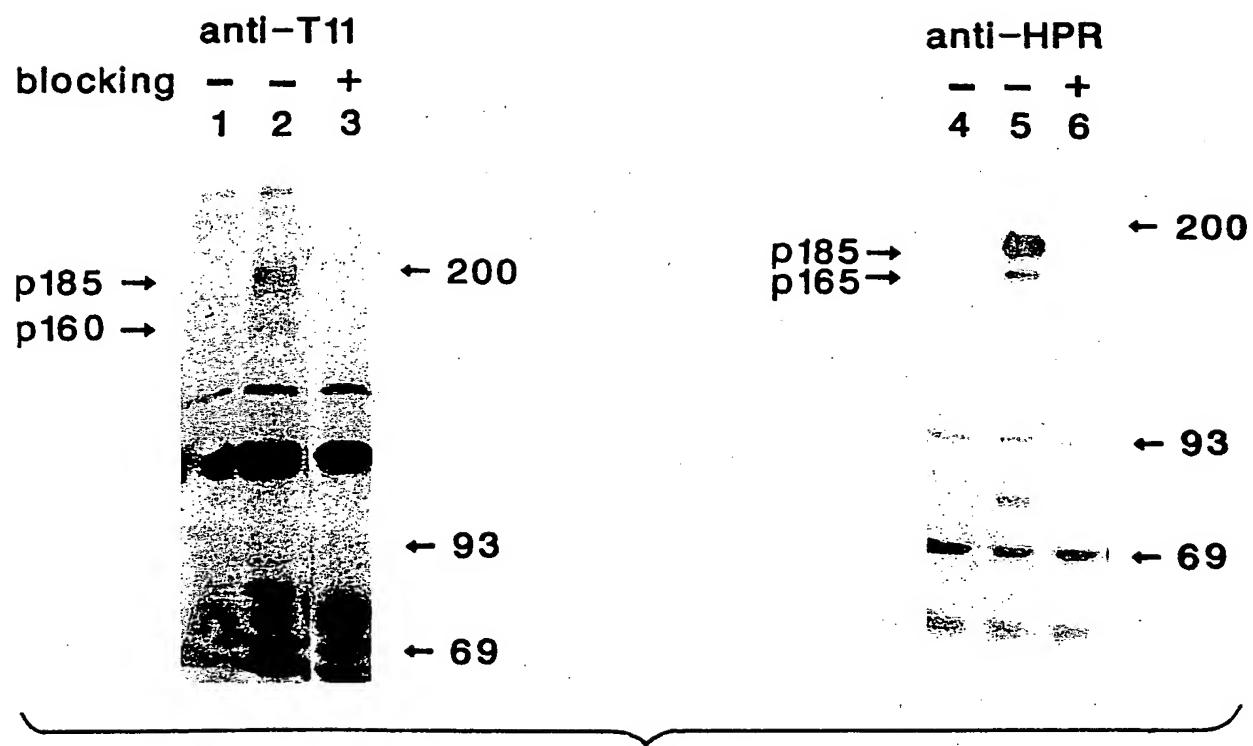


FIG.7B

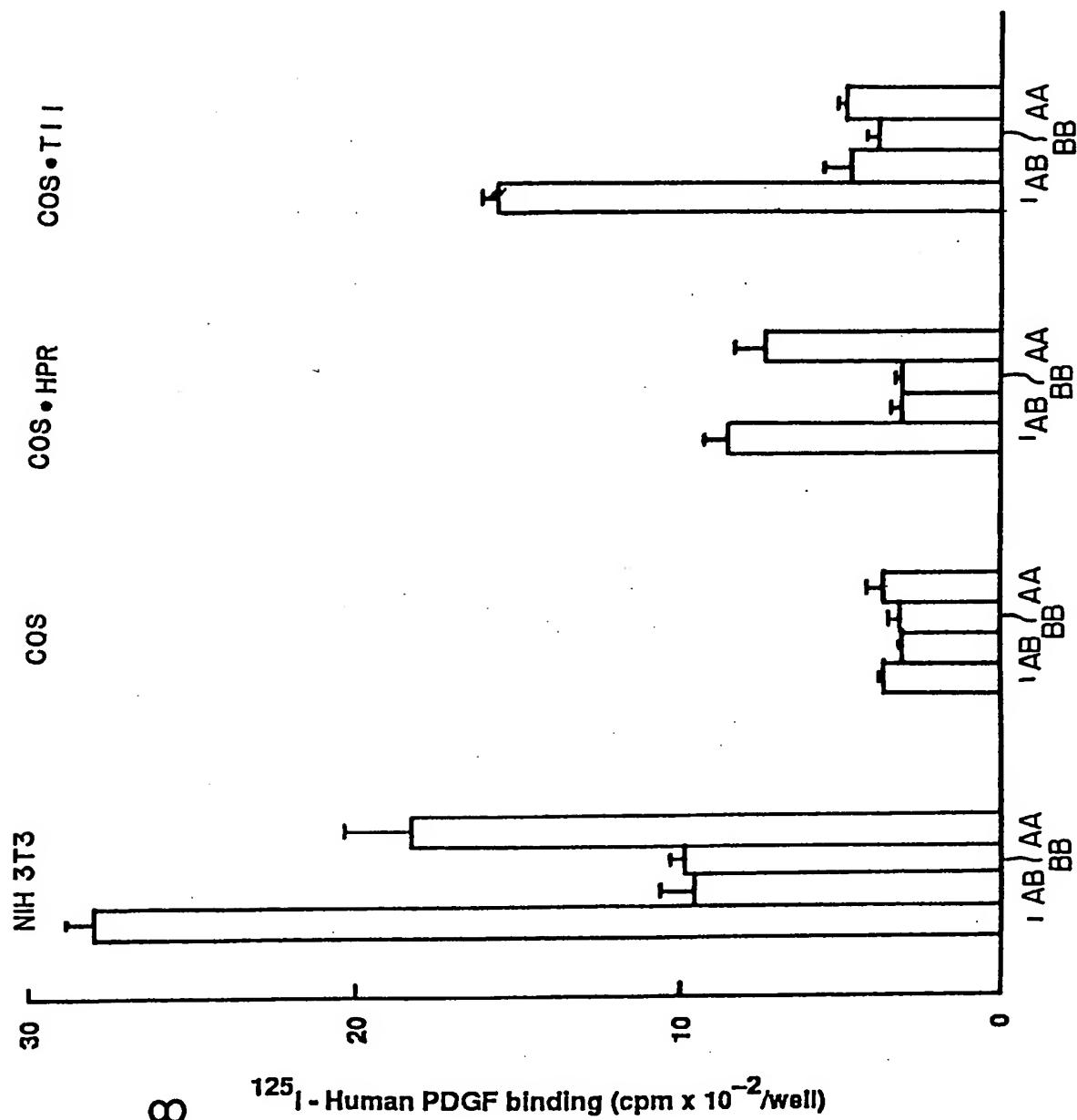


FIG. 8

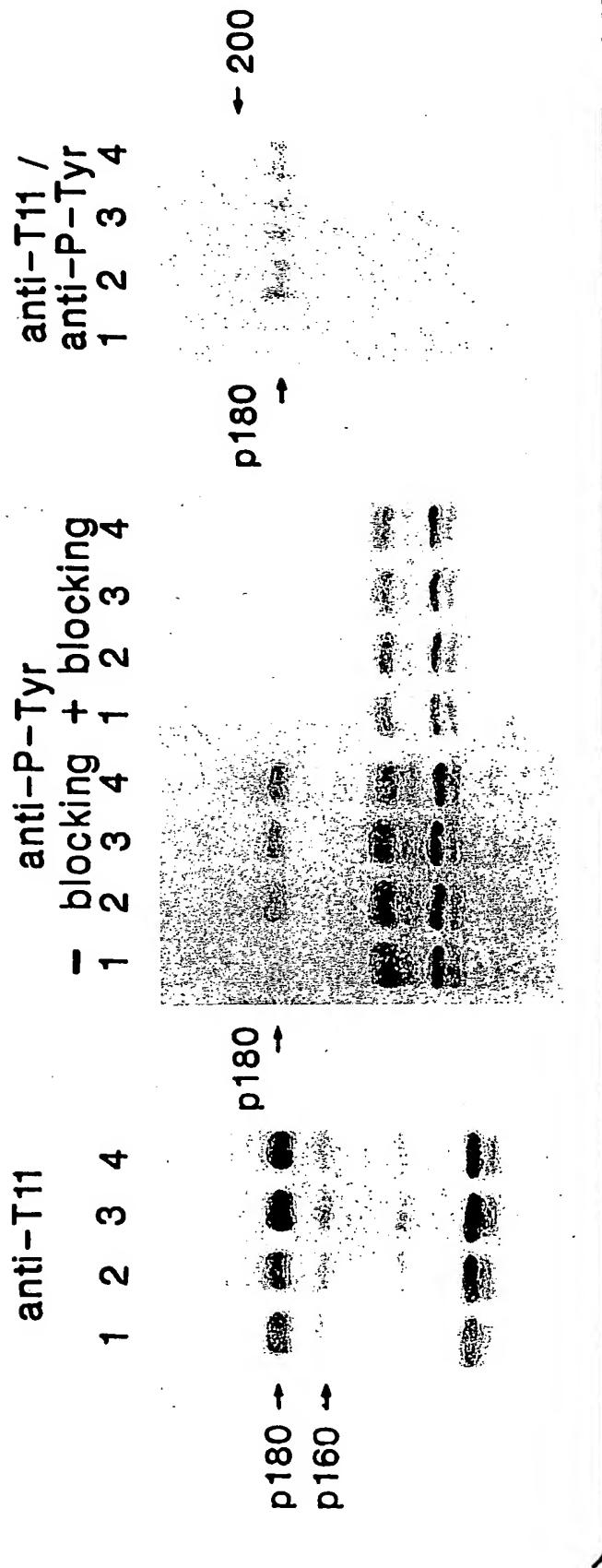


FIG.9A

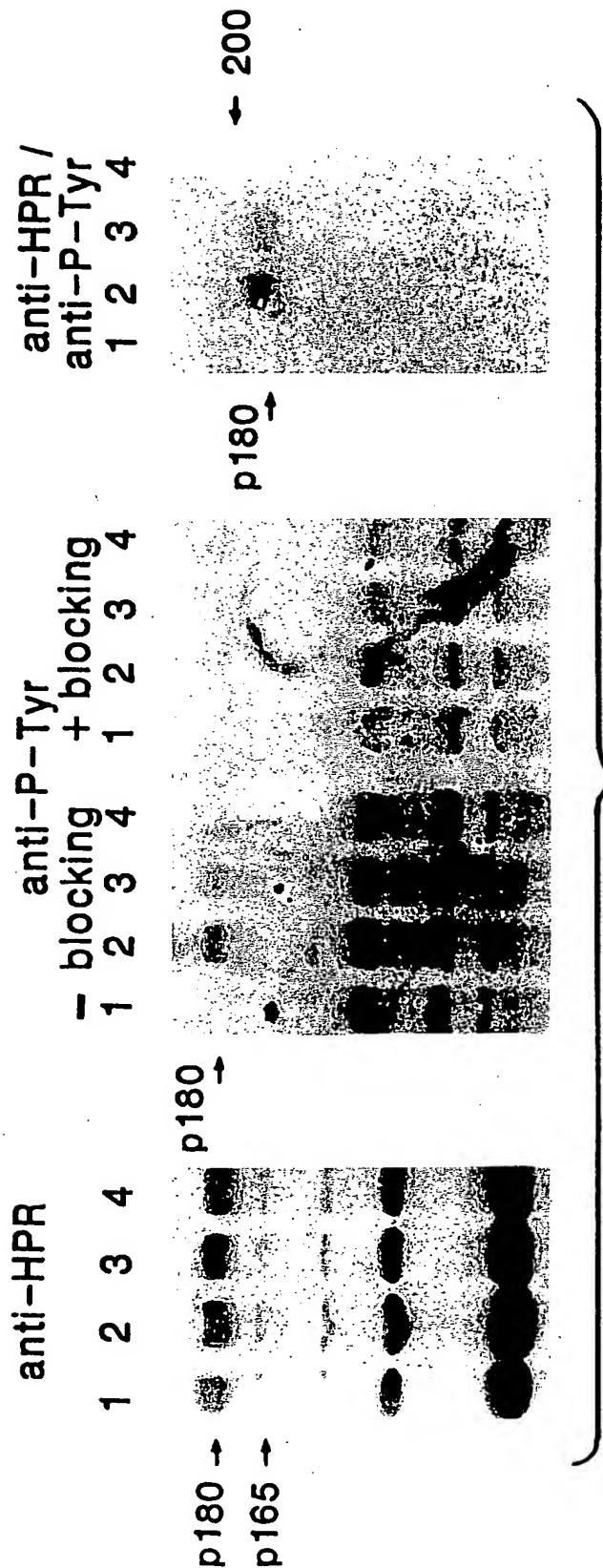


FIG. 9B

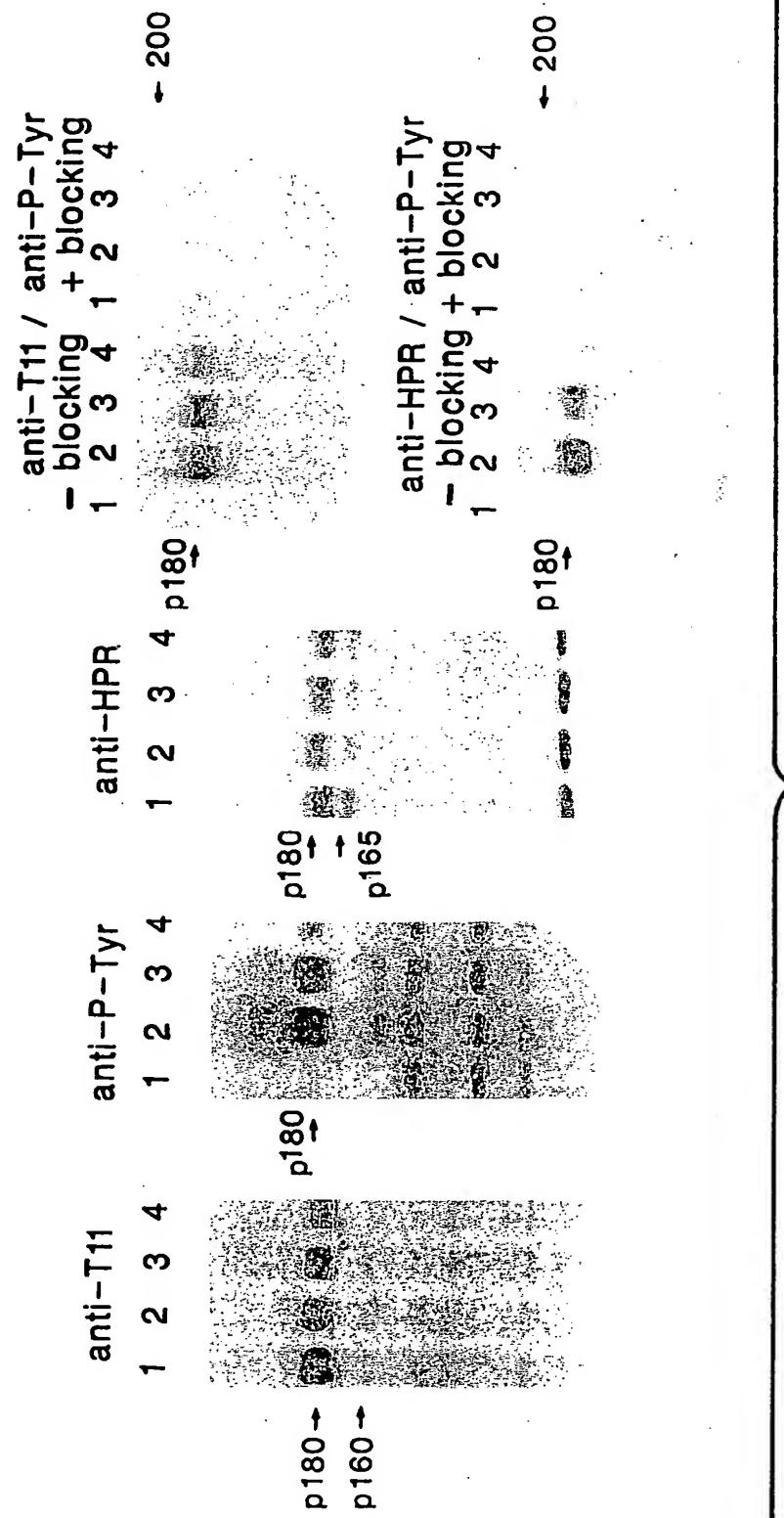


FIG.9C

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